

## **DUAL SIDE MOUNT SHOCK RESISTANT PIEZOELECTRIC BENDER**

### **Abstract of the Disclosure**

Disclosed is piezoelectric bender for use as an acoustic generating device. The  
5 acoustic generating device includes a piezoelectric material, a metal diaphragm, an  
electric circuit and mounting devices. The metal diaphragm is affixed to the piezoelectric  
material and has a nodal fulcrum. The electric circuit is connected to the piezoelectric  
material and electrically activates the piezoelectric material. The mounting devices are  
constructed of insulating material and are positioned at the top and bottom of the metal  
10 diaphragm. The mounting devices support the metal diaphragm at the nodal fulcrum with  
an adhesive to resist impact damage.